#### go solve a solve a solve a skip ahead solve a START back problem! problem! two spaces problem! problem three spaces ahead skip ahea solve a skip ahead solve a pack skip ahead three three two spaces problem! hree two spaces problem Rational vs go solve back a two **Irrational Numbers** problem solve solve a Lose a back a problemi three turn! problem spaces solve solve FINISH solve a solve a go back a problemi problem! two spaces problem problem skip solve skip ahead back ahead three а two three spaces spaces problem spaces solve a solve a back solve a skip ahead solve a solve a problem! three two spaces problemi problem! problem! problemi

#### Rational vs. 8 Classify the number as rational are irrational. Numbers Classify the number as rational or

Classify the number as rational or irrational. -9.25

7.6191

Classify the number irration

Classify the numb

Classify the number

SCROLL to take a look inside!

#### Math Skills Included:



Which of these best approximates  $\sqrt{12?}$ A
B
C
3
3
5
4

IO Classify the number as rational or irrational.  $-.\,4437$ 

Classify the number as rational or irrational.  $\frac{\pi}{0}$ 

Classify the number as rational or irrational.
7.6191

ll
Classify the number as rational or
Irrational.
9.0411

Which of these best approximates  $\sqrt{98?}$ A
B
C  $\sqrt{999}$ 

Classify the number as rational or irrational.
8.656069...

Classify the number as rational or irrational.  $\frac{\sqrt{9}}{4}$ 

Classify the number as rational or irrational.  $-8\sqrt{16}$ 

20 Which of these best approximates  $\sqrt{28}$ ?

Classify the number as rational or irrational.

-5.107

Classify the number as rational or irrational.

-9.25

Plot, order, and compare rational and irrational numbers

l2
Classify the number as rational or irrational.
6.27867...



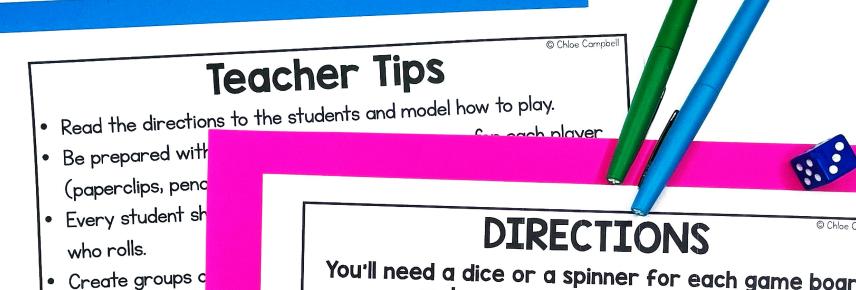


Printable Math Board Game





### Receive



means the more

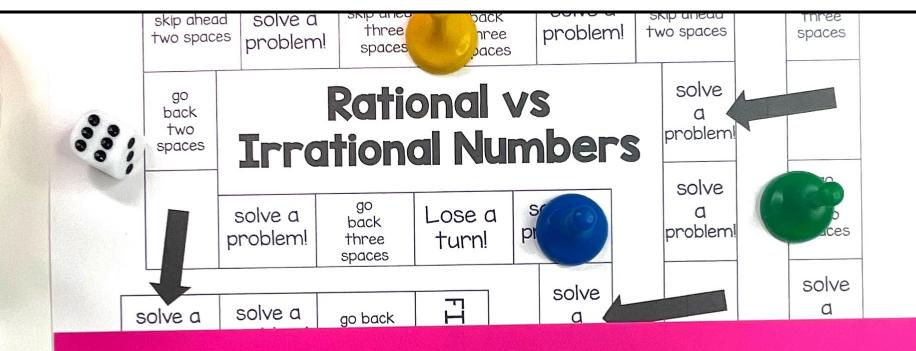
Remind students

just an added

You'll need a dice or a spinner for each game board and a game piece for each player.

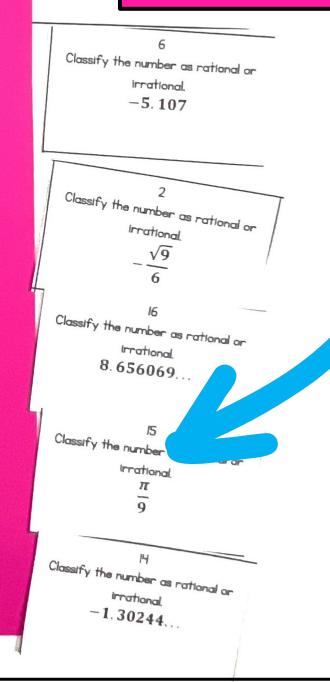
The person whose name comes first in alphabetical order will play first in the game. Roll the die and move that number of spaces on the game board. Each person will solve the problem on their own recording sheet. Everyone will double check their answers with each other. If you have the same correct answers, the next person should roll the die. If you have different answers, discuss it with your team. Find a mistake in your work or try to solve the same problem again, then the next player may go.

If you land on a space with an arrow, you must solve the problem before moving to the next space. \*If you finish early, play the game again.



Vame:	· ·	Rational vs	Irrational Numbe	rs Recording Shee
Rat	nonal	2 Kational	3 Rational	Rational
5 Ra	tional	6 Rational	7 Rational	8 Rahonal
9 Rq	Honal	Rational	ationg	12  rrational
13  rra	tional	14 Irrational	iona I	16 Irrational
17   Y Y q	itional	18 B	19 C	20 B

#### Student Recording Sheet



Classify :

Classify the

Classify the

© Chloe Campbell

# HAPPY TEACHERS SAID...

This was a hit during centers. All students were engaged, and better yet - learning! Love this!

My students love playing games and a simple, easy prep game like this is a great addition to math centers, early finisher activities, and review days.

These are great for small group stations! What a fun task card adaptation. Students get to play a fun and competitive board game, but they also get to practice learning. Plus, the recording sheet makes it easy to grade and monitor student progress; they aren't just playing they are actively learning and participating with evidence of ability. Great resource!

# What's the Best Way to Use this Game?

- Math Centers or Stations
  - Whole Group Practice
    - Morning Work
    - Partner Activity
    - Early Finisher Tasks
      - Substitutes

### Tips for Playing Math Games:

- Read the directions to the students and model how to play.
  - Be prepared with dice/spinner and game pieces for each player (paperclips, pencil top erasers, pieces from another game, etc.)
- Every student should solve every problem not just the person who rolls.
- Create groups of 2–4 students. The lower number of students means the more focused students are while playing.

### Tips for Playing Math Games:

Remind students that the focus is not playing the game...that's just an added bonus! The focus should be on practicing the math skills.

Show students how to compare and discuss answers. Did you both get the same answer? If students get different answers, ask them to solve the problem using a different strategy or help coach each other through the problem.

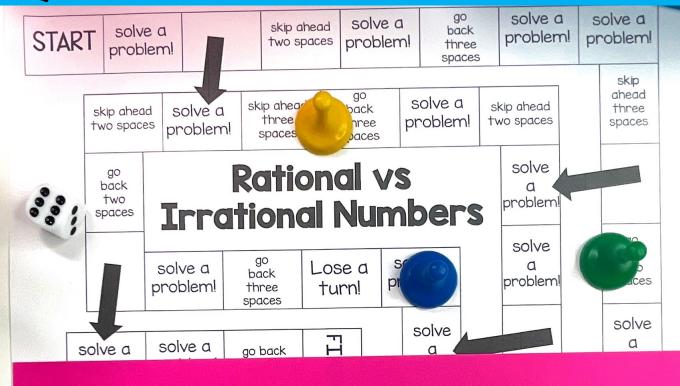
### Why Board Games?

Research shows that challenge-based gamification in the classroom lead to an increase of 34.755% in student performance

(ScienceDirect, 2020).

# Students won't even realize they are learning!





Name:	Rational v	s Irrational Numbe	rs Recording Sheet
Rational	Rational	3 Rational	4 Rational
5 Rational	6 Rational	7 Rational	8 Rahonai
Rational	Rational	ationg (	12  rrational
13	H Location al	15	16

Classify the number as rational or irrational.
6.27867...

6
Classify the number as rational or irrational.
—5.107

Classify the number as rational or irrational.
—\frac{\sqrt{9}}{6}

Classify the number as rational or irrational.
8.656069...

IS
Classify the number as rational or irrational.
8.656069...

the number as rational or

irrational

7.6191

Classify the number as rational or

irrational.  $\sqrt{9}$ 

Classify the number as rational or

irrational

-9.25

## ADD TO CART

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achievement increase!

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